

**TOPIC: RECOMMENDATION TO APPROVE NEW STATEWIDE
TRANSFER ARTICULATION AGREEMENTS**

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I. SUMMARY

This item recommends approval of nine statewide transfer articulation agreements in the following majors: Art History, Biology, Chemistry, English, Horticulture Business Management, Music, Physics, Studio Art, and Theatre. Once approved, the state will have a total of twenty-eight of these agreements. The statutory mandate was to have fourteen of these agreements approved by July 1, 2016 [§23-1-108(7)(c)(I), C.R.S.]. Thanks to the hard work of 2- and 4-year faculty around the state, the General Education (GE) Council, and Department staff, the state surpassed the statutory mandate by almost two years and fourteen agreements.

II. BACKGROUND

Statewide transfer articulation agreements are an important part of Colorado's completion agenda and they support the Commission's Master Plan to increase the attainment of high-quality postsecondary credentials (Goal 1), and reduce average time to credential (Goal 2). These agreements lay out guided pathways for students with the guarantee that if the student follows the plan, he or she will achieve an associate's degree with designation in his or her chosen area of interest (such as an Associate's degree in Communication, as opposed to a general Associate's degree). The student will also have peace of mind in knowing that the receiving institution will transfer and apply all 60 credits from the associate's degree toward a bachelor's degree in the same discipline, thereby allowing the student to complete his or her bachelor's degree in no more than an additional 60 credits, for a total of 120 credits. Statewide transfer articulation agreements take the guesswork out of knowing which courses to take and they save students time and money. The agreements are available to students and advisors on the Department's website at <http://highered.colorado.gov/Academics/Transfers/Students.html>.

It should also be noted that there are statewide transfer articulation agreements for Early Childhood Teacher Education as well as Elementary Teacher Education, which brings the actual total of statewide agreements to thirty. These two agreements are listed separately on the department's website, however, because they do not meet the statutory definition of the other statewide transfer articulation agreements in that they are not discipline-specific. For instance, whereas the statewide agreement for business will always lead to a bachelor's of business at a 4-year institution, early childhood and elementary teacher candidates can major in many different baccalaureate degrees while working towards teacher licensure. Last, it should also be noted that while statewide transfer articulation agreements were not possible for engineering or nursing, there are institution-specific engineering transfer agreements and a RN to BSN transfer guide on the Department's website.

III. STAFF ANALYSIS

Department staff has worked extensively with the GE Council and faculty from both the two-year and four-year public institutions to come to consensus on these agreements. The agreements are aligned with gtPathways requirements. The Chief Academic Officer and campus President/Chancellor of each public institution in the state, that offers an associate's or bachelor's degree in these disciplines, have signed the agreements. The signatures on these statewide transfer articulation agreements (on file with the Department) represent, at a minimum, a commitment by the institutions to accept these classes towards a bachelor's degree, assuming the student successfully completes the prescribed curriculum.

Appendix A contains the front cover and the prescribed curriculum for each of the nine agreements. The front cover contains a list of the participating institutions and the prescribed curriculum contains a list of the required coursework leading to the associate's degree with designation. The other pages have been removed to cut down on the length of this agenda item and because the narrative on those pages is identical for all agreements and can be read in any of the agreements posted on the [Department's website](#).

IV. STAFF RECOMMENDATION

Staff recommends that the Commission approve the new statewide transfer articulation agreements in Art History, Biology, Chemistry, English, Horticulture Business Management, Music, Physics, Studio Art, and Theatre.

STATUTORY AUTHORITY

C.R.S. §23-1-108. Duties and powers of the commission with regard to system-wide planning.

(7) (a) The commission shall establish, after consultation with the governing boards of institutions, and enforce statewide degree transfer agreements between two-year and four-year state institutions of higher education and among four-year state institutions of higher education. Governing boards and state institutions of higher education shall implement the statewide degree transfer agreements and the commission policies relating to the statewide degree transfer agreements. The statewide degree transfer agreements shall include provisions under which state institutions of higher education shall accept all credit hours of acceptable course work for automatic transfer from an associate of arts or associate of science degree program in another state institution of higher education in Colorado. The commission shall have final authority in resolving transfer disputes...

APPENDICES:

Appendix A: Front Cover and Prescribed Curriculum for Statewide Transfer Articulation Agreements in Art History, Biology, Chemistry, English, Horticulture Business Management, Music, Physics, Studio Art, and Theatre.

**APPENDIX A: Front Cover and Prescribed Curriculum for Statewide Transfer
Articulation Agreements in Art History, Biology, Chemistry, English, Horticulture
Business Management, Music, Physics, Studio Art, and Theatre**

(*Please excuse inconsistent formatting, which is the result of copying and pasting into this agenda item.)

STATEWIDE TRANSFER ARTICULATION AGREEMENT

For a Bachelor's Degree in

ART HISTORY

Between

COLORADO PUBLIC COMMUNITY/JUNIOR COLLEGES

Aims Community College
Arapahoe Community College
Colorado Mountain College
Colorado Northwestern Community College
Community College of Aurora
Community College of Denver
Front Range Community College
Lamar Community College
Morgan Community College
Northeastern Junior College
Otero Junior College
Pikes Peak Community College
Pueblo Community College
Red Rocks Community College
Trinidad State Junior College

and

COLORADO PUBLIC FOUR-YEAR INSTITUTIONS OF HIGHER EDUCATION

Colorado Mesa University *[B.F.A. Art; Art History concentration]*
Colorado State University-Ft Collins *[B.A. Art; Art History concentration]*
Metropolitan State University of Denver *[B.A. Art History, Theory, & Criticism]*
University of Colorado Boulder *[B.A. Art History]*
University of Colorado Colorado Springs *[B.A. Visual & Performing Arts; Art History option]*
University of Colorado Denver *[B.A. Fine Arts; Art History emphasis]*
University of Northern Colorado *[B.A. Art & Design; Art History emphasis]*
Western State Colorado University *[B.A. Art; Art History & Theory emphasis]*

PLEASE NOTE: The degree track in ART HISTORY with Secondary Teaching Licensure has different requirements and is not included in this agreement. Please refer to this agreement's cover page for the name of the Bachelor's degree at the four-year institution to which this agreement applies.

Courses that Fulfill General Education Requirements			31-33
Content Area	Credit Hours	Community College Course No.	Course Title or Category
(Written) Communication	6	ENG 121 and ENG 122 <u>or</u> ENG 122 and a gtPathways-approved CO3 course	English Composition I (GT-CO1) and English Composition II (GT-CO2) <u>OR</u> English Composition II (GT-CO2) and a gtPathways-approved CO3 course (GT-CO3)
Mathematics	3 or 4		One 3-credit OR 4-credit gtPathways Mathematics course (GT-MA1)
Arts & Humanities	6		Two gtPathways Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, GT-AH4) <u>EXCEPT</u> the courses listed in the Additional Required Courses section below
History	3		One gtPathways History course (GT-HI1)
Social & Behavioral Sciences	6		Two gtPathways Social & Behavioral Science courses (GT-SS1, GT-SS2, GT-SS3)
Natural & Physical Sciences	7 <u>or</u> 8		Two gtPathways Natural & Physical Science courses (GT-SC1, GT-SC2). One of these courses must have the required laboratory (GT-SC1).
Additional Required Courses			18
Please note: if these credits are <i>not</i> required for the <i>major</i> at a receiving 4-year institution, they will be applied to the Bachelor's degree as <i>elective credit</i> towards <i>graduation</i> . Please check with the receiving institution to determine in which way these courses will be applied.			
	Credit Hours	Community College Course No.	Course Title
	3	ART 111	Art History: Ancient to Medieval (GT-AH1)
	3	ART 112	Art History: Renaissance to Modern (GT-AH1)
	3	ART 121	Drawing I
	3	ART 131	Visual Concepts 2-D Design
	3	ART 132	Visual Concepts 3-D Design
	3	ART 207	Art History: 1900 to Present (GT-AH1)
Electives¹			9-11
Total			60

¹ Students planning to transfer to CSU-FC will be required to complete a 200-level foreign language for completion of the BA in Art – Art History. Students will be expected to be prepared upon completion of the associate's degree to take an intermediate foreign language or be able to pass the CSU-FC Foreign Language placement exam at the sophomore level. It may not be possible to complete the BA in Art – Art History concentration in two years without this prior foreign language competency.

STATEWIDE TRANSFER ARTICULATION AGREEMENT
For a Bachelor's Degree in

BIOLOGY

Between

COLORADO PUBLIC COMMUNITY/JUNIOR COLLEGES

Aims Community College
Arapahoe Community College
Colorado Mountain College
Colorado Northwestern Community College
Community College of Aurora
Community College of Denver
Front Range Community College
Lamar Community College
Morgan Community College
Northeastern Junior College
Otero Junior College
Pikes Peak Community College
Pueblo Community College
Red Rocks Community College
Trinidad State Junior College

and

COLORADO PUBLIC FOUR-YEAR INSTITUTIONS OF HIGHER EDUCATION

Adams State University *[B.S. Biology; Cellular & Molecular Biology, Organismal Biology, & Wildlife Biology emphases]*
Colorado Mesa University *[B.S. Biological Sciences; Biology concentration]*
Colorado State University-Ft Collins *[B.S. Biological Sciences]*
Colorado State University-Pueblo *[B.S. Biology]*
Fort Lewis College *[B.S. Biology; General Biology option]*
Metropolitan State University of Denver *[B.S. Biology]*
University of Colorado Boulder *[B.A. Ecology & Evolutionary Biology]*
University of Colorado Colorado Springs *[B.S. Biology]*
University of Colorado Denver *[B.S. Biology]*
University of Northern Colorado *[B.S. Biological Sciences; Cell & Molecular Biology, Ecology & Evolutionary Biology, Pre-Health & Biomedical Sciences emphases]*
Western State Colorado University *[B.A. Biology; Cell Biology/Pre-medicine, Environmental Biology & Ecology, General Biology, Pre-allied Health emphases]*

PLEASE NOTE: The degree track in Biology with Secondary Teaching Licensure has different requirements and is not included in this agreement. Please refer to this agreement's cover page for the name of the Bachelor's degree at the four-year institution to which this agreement applies.

Required Courses that Fulfill General Education Requirements			36
	Credit Hours	Community College Course No.	Course Title or Category
(Written) Communication	6	ENG 121 and ENG 122 <u>or</u> ENG 122 and a GT-CO3 course	English Composition I (GT-CO1) and English Composition II (GT-CO2) <u>OR</u> English Composition II (GT-CO2) and a gtPathways-approved CO3 course (GT-CO3)
Mathematics	5	MAT 201	Calculus I (GT-MA1)
Arts & Humanities	6		Two gtPathways Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, GT-AH4)
History	3		One gtPathways History course (GT-HI1)
Social & Behavioral Sciences	6		Two gtPathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)
Natural & Physical Sciences	5	BIO 111	General College Biology I (GT-SC1)
	5	CHEM 111	General College Chemistry I (GT-SC1)
Additional Required Courses			20
Please note: if these credits are <i>not</i> required for the <i>major</i> at a receiving 4-year institution, they will be applied to the Bachelor's degree as <i>elective credit</i> towards <i>graduation</i> . Please check with the receiving institution to determine in which way these courses will be applied.			
	Credit Hours	Community College Course No.	Course Title
	5	BIO 112	General College Biology II (GT-SC1)
	5	CHEM 112	General College Chemistry II (GT-SC1)
	5	PHY 111	Physics Alg-Based I/Lab (GT-SC1)
	5	PHY 112	Physics Alg-Based II/Lab (GT-SC1)
Electives			4
Total			60

¹ Students are strongly encouraged to seek academic advising prior to registration regarding the acceptability of online science courses if they anticipate transferring to a 4-year institution or completing graduate work in the sciences or health professions. It should be noted that per Colorado Revised Statute, §23-1-125(1)(e), general education courses taken online are guaranteed to satisfy core course (gtPathways) requirements at all Colorado public institutions of higher education.

STATEWIDE TRANSFER ARTICULATION AGREEMENT

For a Bachelor's Degree in

CHEMISTRY

Between

COLORADO PUBLIC COMMUNITY/JUNIOR COLLEGES

Aims Community College
Arapahoe Community College
Colorado Mountain College
Community College of Aurora
Community College of Denver
Front Range Community College
Northeastern Junior College
Otero Junior College
Pikes Peak Community College
Pueblo Community College
Red Rocks Community College

and

COLORADO PUBLIC FOUR-YEAR INSTITUTIONS OF HIGHER EDUCATION

Adams State University *[B.S. Chemistry]*
Colorado Mesa University *[B.S. Chemistry]*
Colorado State University-Ft Collins *[B.S. Chemistry]*
Colorado State University-Pueblo *[B.S. Chemistry]*
Fort Lewis College *[B.S. Chemistry; Chemistry option]*
Metropolitan State University of Denver *[B.A./B.S. Chemistry]*
University of Colorado Boulder *[B.A. Chemistry]*
University of Colorado Colorado Springs *[B.A./B.S. Chemistry]*
University of Colorado Denver *[B.S. Chemistry]*
University of Northern Colorado *[B.S. Chemistry; Biochemistry, Chemistry, Forensic Science, Industrial Chemistry, Pre-Health emphases]*
Western State Colorado University *[B.A. Chemistry; General Chemistry, Biochemistry emphases]*

***PLEASE NOTE:** The degree track in Chemistry with Secondary Teaching Licensure has different requirements and is not included in this agreement. Please refer to this agreement's cover page for the name of the Bachelor's degree at the four-year institution to which this agreement applies.*

CCCS Courses Applied to gtPathways General Education Curriculum (Notes 1, 2, 3, 4)			
30			
Content Area	Credit Hours	Community College Course No.	Course Title or Category
(Written) Communication	6	ENG 121 and ENG 122 OR ENG 122 and a gtPathways-approved GT-CO3 course	English Composition I (GT-CO1) and English Composition II (GT-CO2) OR English Composition II (GT-CO2) and a gtPathways-approved CO3 course (GT-CO3)
Mathematics	5	MAT 201	Calculus I (GT-MA1)
Arts & Humanities (Notes 1, 2, 3)	3		One gtPathways Arts & Humanities course (GT-AH1, GT-AH2, GT-AH3, or GT-AH4)
History	3		One gtPathways History course (GT-HI1)
Social & Behavioral Sciences (Notes 1, 2,3)	3		One gtPathways Social & Behavioral Science course (GT-SS1, GT-SS2, or GT-SS3)
Natural & Physical Sciences	5 5	CHE 111 CHE 112	General College Chemistry I (with Lab) General College Chemistry II (with Lab)
Additional Required Courses			29
Content Area	Credit Hours	Community College Course No.	Course Title
Mathematics	5 4	MAT 202 MAT 203	Calculus II Calculus III
Physics	5 5	PHY 211 PHY 212	Physics: Calculus-Based I (with Lab) Physics: Calculus-Based II (with Lab)
Organic Chemistry (Note 4)	5 5	CHE 211 CHE 212	Organic Chemistry I (with Lab) Organic Chemistry II (with Lab)
Electives Courses			1
Total			60

Notes:

1. This statewide transfer articulation agreement in Chemistry does not fulfill requirements for the gtPathways general education curriculum or the Associate of Science degree prior to transfer; however, this agreement does guarantee a student, if admitted, junior standing and completion of the baccalaureate degree within an additional 60 semester hours at the receiving institution.
2. Completion of the receiving institution's lower division general education requirements is fulfilled only under the condition that one gtPathways-approved course in arts and humanities (AH1, AH2, AH3, or AH4) and one gtPathways-approved course in social and behavioral sciences (SS1, SS2, or SS3) are successfully completed at the receiving institution within the first 30 hours or 12 calendar months.
3. Students transferring to a 4-yr college/university under this Chemistry agreement are encouraged to 'reverse' transfer the one gtPathways course in arts and humanities and the one gtPathways course in social and behavioral sciences (Note #2 above) back to their community college in order to complete the gtPathways general education program and to earn their Associate of Science degree with a Chemistry designation.
4. Lecture and laboratory portions of organic chemistry, CHE 211 and 212, must not be taken in an online delivery format.

STATEWIDE TRANSFER ARTICULATION AGREEMENT

for a Bachelor of Science Degree in

Horticulture Business Management

Between

COLORADO PUBLIC COMMUNITY/JUNIOR COLLEGES

Aims Community College
Arapahoe Community College
Colorado Northwestern Community College
Community College of Aurora
Community College of Denver
Front Range Community College
Lamar Community College
Morgan Community College
Northeastern Junior College
Otero Junior College
Pikes Peak Community College
Pueblo Community College
Red Rocks Community College
Trinidad State Junior College

and

COLORADO PUBLIC FOUR-YEAR INSTITUTIONS OF HIGHER EDUCATION

Colorado State University-Ft Collins

[B.S. Horticulture; Horticulture Business Management concentration]

PLEASE NOTE: The degree track in HORTICULTURE with Secondary Teaching Licensure has different requirements and is not included in this agreement. Please refer to this agreement's cover page for the name of the Bachelor's degree at the four-year institution to which this agreement applies.

Courses that Fulfill General Education Requirements			35
	Credit Hours	Community College Course No.	Course Title or Category
(Written) Communication	6	ENG 121 and ENG 122 <u>OR</u> ENG 122 and a gtPathways-approved CO3 course	English Composition I (GT-CO1) and English Composition II (GT-CO2) <u>OR</u> English Composition II (GT-CO2) and a gtPathways-approved CO3 course (GT-CO3)
Mathematics	4	MAT 121	College Algebra (GT-MA1)
Arts & Humanities	6		Two gtPathways Arts & Humanities courses from one of the following AH Categories: GT-AH1, GT-AH2, GT-AH4
History	3		One gtPathways History course (GT-HI1)
Social & Behavioral Sciences	6	ECO 201 ECO 202 <u>OR</u> AGE 102	Principles of Macroeconomics (GT-SS1) Principles of Microeconomics (GT-SS1) <u>OR</u> Agricultural Economics
Natural & Physical Sciences	10	BIO 221 <u>OR</u> BIO 112 CHE 101 <u>OR</u> 107 <u>OR</u> 111	General Botany w/lab (GT-SC1) <u>OR</u> General College Biology II w/ Lab (GT-SC1) Introduction to Chemistry <u>OR</u> Fundamentals of Chemistry <u>OR</u> General Chemistry I (GT-SC1)
Additional Required Courses			18
<u>Please note:</u> if these credits are <i>not</i> required for the <i>major</i> at a receiving 4-year institution, they will be applied to the Bachelor's degree as <i>elective credit</i> towards <i>graduation</i> . Please check with the receiving institution to determine in which way these courses will be applied.			
	Credit Hours	Community College Course No.	Course Title
	4	HLT 240 <u>OR</u> AGY 240	Introductory Soil Science <u>OR</u> Introductory Soil Science (GT-SC1)
	3	BUS 226 <u>OR</u> MAT 135	Business Statistics <u>OR</u> Introduction to Statistics (GT-MA1)
	3	CIS 118	Introduction to PC Applications
	4	HLT 260	Plant Propagation
	4	HLT 101 <u>OR</u> HLT 100 <u>OR</u> AGY 100	Introduction to Horticulture <u>OR</u> Horticulture Science <u>OR</u> General Crop Production
<u>Recommended Electives:</u>			7
Choose additional HLT or FLD courses (except for HLT 208; 216 & 249; FLD 100 & 289)			
Total			60

STATEWIDE TRANSFER ARTICULATION AGREEMENT

For a Bachelor of Arts in

ENGLISH (Literature Emphasis)

Between

COLORADO PUBLIC COMMUNITY/JUNIOR COLLEGES

Aims Community College
Arapahoe Community College
Colorado Mountain College
Colorado Northwestern Community College
Community College of Aurora
Community College of Denver
Front Range Community College
Lamar Community College
Morgan Community College
Northeastern Junior College
Otero Junior College
Pikes Peak Community College
Pueblo Community College
Red Rocks Community College
Trinidad State Junior College

and

COLORADO PUBLIC FOUR-YEAR INSTITUTIONS OF HIGHER EDUCATION

Adams State University *[B.A. English; Liberal Arts emphasis]*
Colorado Mesa University *[B.A. English; Literature concentration]*
Colorado State University-Ft Collins *[B.A. English]*
Colorado State University-Pueblo *[B.A. English]*
Fort Lewis College *[B.A. English, General option]*
Metropolitan State University of Denver *[B.A. English]*
University of Colorado Boulder *[B.A. English]*
University of Colorado Colorado Springs *[B.A. English]*
University of Colorado Denver *[B.A. English; Literature emphasis]*
University of Northern Colorado *[B.A. English; Liberal Arts emphasis]*
Western State Colorado University *[B.A. English]*

PLEASE NOTE: The degree track in ENGLISH (Literature Emphasis) with Secondary Teaching Licensure has different requirements and is not included in this agreement. Please refer to this agreement's cover page for the name of the Bachelor's degree at the four-year institution to which this agreement applies.

Courses that Fulfill General Education Requirements			34
	Credit Hours	Community College Course No.	Course Title or Category
(Written) Communication	6	ENG 121 and ENG 122 <u>or</u> ENG 122 and ENG 201	English Composition I (GT-CO1) and English Composition II (GT-CO2) <u>OR</u> English Composition II (GT-CO2) and Composition III: Writing for Public Discourse (GT-CO3)
Mathematics	3	MAT 120 or higher	One gtPathways Mathematics course (GT-MA1), but <u>not</u> MAT 155 or 156. MAT 120 is recommended.
Arts & Humanities	9		Three gtPathways Arts & Humanities courses (NOTE: these courses may only come from GT-AH1, GT-AH3, GT-AH4 categories)
History	3		One gtPathways History course (GT-HI1)
Social & Behavioral Sciences	6		Two gtPathways Social & Behavioral Science courses (GT-SS1, GT-SS2, GT-SS3)
Natural & Physical Sciences	7		Two gtPathways Natural & Physical Science courses, one must be with laboratory (GT-SC1)
Additional Required Courses			18
Please note: if these credits are <i>not</i> required for the <i>major</i> at a receiving 4-year institution, they will be applied to the Bachelor's degree as <i>elective credit</i> towards <i>graduation</i> . Please check with the receiving institution to determine in which way these courses will be applied.			
	Credit Hours	Community College Course No.	Course Title
	3	COM 115 <u>or</u> COM 125 <u>or</u> COM 225	Public Speaking <u>OR</u> Interpersonal Communication <u>OR</u> Organizational Communication
	15		Five gtPathways Arts & Humanities <u>LITERATURE</u> (LIT) courses within the GT-AH2 category* *NOTE: Students are required to take a total of 5 (five) LIT courses (15 credits) , 4 (four) of which must be at the 200-level. Please consult with your receiving institution regarding best choices for literature courses.
Electives			8
Recommended elective: ENG 221 Creative Writing I (3 credits)			
Total			60

STATEWIDE TRANSFER ARTICULATION AGREEMENT

For a Bachelor of Arts in

MUSIC

Between

COLORADO PUBLIC COMMUNITY/JUNIOR COLLEGES

Arapahoe Community College
Colorado Mountain College
Colorado Northwestern Community College
Community College of Aurora
Community College of Denver
Front Range Community College
Lamar Community College
Morgan Community College
Northeastern Junior College
Otero Junior College
Pikes Peak Community College
Pueblo Community College
Red Rocks Community College
Trinidad State Junior College

and

COLORADO PUBLIC FOUR-YEAR INSTITUTIONS OF HIGHER EDUCATION

Adams State University *[B.A. Music; Liberal Arts emphasis]*
Colorado Mesa University *[B.A. Music]*
Colorado State University-Ft Collins *[B.A. Music]*
Colorado State University-Pueblo *[B.A. Music]*
Fort Lewis College *[B.A. Music; General Studies Music option]*
Metropolitan State University of Denver *[B.A. Music]*
University of Colorado Boulder *[B.A. Music]*
University of Colorado Colorado Springs *[B.A. Visual & Performing Arts; Music option]*
University of Northern Colorado *[B.A. Music]*
Western State Colorado University *[B.A. Music]*

PLEASE NOTE: The degree track in Music with Secondary Teaching Licensure have different requirements and are not included in this agreement. Please refer to this agreement's cover page for the name of the Bachelor's degree at the four-year institution to which this agreement applies.

Courses that Fulfill General Education Requirements				31
Content Area	Credit Hours	Community College Course No.	Course Title or Category	
(Written) Communication	6	ENG 121 and ENG 122 <u>or</u> ENG 122 and a gtPathways CO3 course	English Composition I (GT-CO1) and English Composition II (GT-CO2) <u>OR</u> English Composition II (GT-CO2) and a gtPathways CO3 course (GT-CO3)	
Mathematics	3	Any gtPathways MA1 course	One gtPathways Mathematics course (GT-MA1) (but <u>not</u> MAT 155 or 156)	
Arts & Humanities	6	MUS 121 MUS 122	Music History: Medieval through Classical (GT-AH1) Music History: Early Romantic Period to Present (GT-AH1)	
History	3		One gtPathways History course (GT-HI1)	
Social & Behavioral Sciences	6		Two gtPathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3) ¹	
Natural & Physical Sciences	7		Two gtPathways Natural & Physical Science courses (GT-SC1, GT-SC2). One of these courses must have the required laboratory (GT-SC1).	
Additional Required Courses				26
Please note: if these credits are <i>not</i> required for the <i>major</i> at a receiving 4-year institution, they will be applied to the Bachelor's degree as <i>elective credit</i> towards <i>graduation</i> . Please check with the receiving institution to determine in which way these courses will be applied.				
	Credit Hours	Community College Course No.	Course Title	
	3	MUS 110	Music Theory I	
	3	MUS 111	Music Theory II	
	3	MUS 210	Music Theory III	
	3	MUS 211	Music Theory IV	
	1	MUS 112	Ear Training/Sight Singing I Lab	
	1	MUS 113	Ear Training/Sight Singing II Lab	
	1	MUS 212	Advanced Ear Training/Sight Singing I Lab	
	1	MUS 213	Advanced Ear Training/Sight Singing II Lab	
	1	MUS 151	Ensemble I	
	1	MUS 152	Ensemble II	
	1	MUS 251	Ensemble I	
	1	MUS 252	Ensemble II	
	1	MUS 141	Private Instruction	
	1	MUS 142	Private Instruction	
	1	MUS 241	Private Instruction	
	1	MUS 242	Private Instruction	
	2	MUS 131	Music Class I: Piano	
Any MUSIC Electives				3
Total				60

¹ CSU-Ft. Collins requires that one of these courses be PSY 101 – General Psychology 1.

STATEWIDE TRANSFER ARTICULATION AGREEMENT

for a Bachelor's Degree in

PHYSICS

Between

COLORADO PUBLIC COMMUNITY/JUNIOR COLLEGES

Aims Community College
Arapahoe Community College
Colorado Mountain College
Colorado Northwestern Community College
Community College of Aurora
Community College of Denver
Front Range Community College
Lamar Community College
Morgan Community College
Northeastern Junior College
Otero Junior College
Pikes Peak Community College
Pueblo Community College
Red Rocks Community College
Trinidad State Junior College

and

COLORADO PUBLIC FOUR-YEAR INSTITUTIONS OF HIGHER EDUCATION

Colorado Mesa University *[B.S. Physics]*
Colorado State University-Ft Collins *[B.S. Physics]*
Colorado State University-Pueblo *[B.S. Physics]*
Fort Lewis College *[B.S. Physics – Physics option]*
Metropolitan State University of Denver *[B.A./B.S. Physics]*
University of Colorado Boulder *[B.A. Physics]*
University of Colorado Colorado Springs *[B.S. Physics]*
University of Colorado Denver *[B.S. Physics]*
University of Northern Colorado *[B.S. Physics; Astronomy, Engineering,
Mathematics emphases]*

PLEASE NOTE: The degree track in PHYSICS with Secondary Teaching Licensure has different requirements and is not included in this agreement. Please refer to this agreement's cover page for the name of the Bachelor's degree at the four-year institution to which this agreement applies.

Courses that Fulfill General Education Requirements				36
	Credit Hrs	CCCS Course No.	Course Title or Category	
Arts & Humanities	9		Three gtPathways Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, GT-AH4)	
Communication	6	ENG 121 and ENG 122 <u>or</u> ENG 122 and a gtPathways-approved CO3 course	English Composition I (GT-CO1) and English Composition II (GT-CO2) <u>OR</u> English Composition II (GT-CO2) and a gtPathways-approved CO3 course (GT-CO3)	
History	3		One gtPathways History course (GT-HI1)	
Mathematics	5	MAT 201	Calculus I (GT-MA1)	
Natural & Physical Sciences	5 5	PHY 211 PHY 212	Physics: Calculus-based I (GT-SC1) Physics: Calculus-based II (GT-SC1)	
Social & Behavioral Sciences	3		One gtPathways Social & Behavioral Science course (GT-SS1, GT-SS2, GT-SS3)	
Additional Required Courses				24
Please note: if these credits are <i>not</i> required for the <i>major</i> at a receiving 4-year institution, they will be applied to the Bachelor's degree as <i>elective credit</i> towards <i>graduation</i> . Please check with the receiving institution to determine in which way these courses will be applied.				
	Credit Hours	Community College Course No.	Course Title	
	3	PHY 213	Physics III: Calculus-based	
	5	MAT 202	Calculus II (GT-MA1)	
	4 <u>or</u> 5	MAT 203 <u>OR</u> MAT 204 ²	Calculus III (GT-MA1) <u>OR</u> Calculus III with Engineering Applications (GT-MA1)	
	3 <u>or</u> 4 <u>or</u> 4	MAT 265 <u>OR</u> MAT 261 ¹ <u>OR</u> MAT 266 ¹	Differential Equations (GT-MA1) <u>OR</u> Differential Equations with Engineering Applications (GT-MA1) <u>OR</u> Differential Equations with Linear Algebra	
	5	CHE 111	General College Chemistry I (GT-SC1)	
Please see footnotes below.	4 <u>or</u> 5	CSC 160 <u>OR</u> CHE 112 ¹	Computer Science I (Language) <u>OR</u> General College Chemistry II (GT-SC1) ^{2, 3, 4, 5}	
Electives				0
Total				60

¹ PLEASE BE ADVISED: If you choose to take one of these courses, it will put you over 60 credits. The courses will transfer but the extra credits may not. That is, the receiving institution may still require the completion of 60 credits for the major.

² Students planning to transfer to **University of Colorado Boulder** must take CHE 112 (*not* CSC 160) to fulfill this requirement.

³ Students planning to transfer to **University of Northern Colorado** must take CSC 160 (*not* CHE 112) to fulfill this requirement.

⁴ Students planning to transfer to **Fort Lewis College** or **University of Colorado Colorado Springs** must take *both* CSC 160 and CHE 112.

⁵ Students planning to transfer to a receiving institution not listed here may choose either one of these courses.

STATEWIDE TRANSFER ARTICULATION AGREEMENT

For a Bachelor of Arts in

STUDIO ART

Between

COLORADO PUBLIC COMMUNITY/JUNIOR COLLEGES

Aims Community College
Arapahoe Community College
Colorado Mountain College
Colorado Northwestern Community College
Community College of Aurora
Community College of Denver
Front Range Community College
Lamar Community College
Morgan Community College
Northeastern Junior College
Otero Junior College
Pikes Peak Community College
Pueblo Community College
Red Rocks Community College
Trinidad State Junior College

and

COLORADO PUBLIC FOUR-YEAR INSTITUTIONS OF HIGHER EDUCATION

Adams State University *[B.A. Liberal Arts; Studio Art emphasis]*
Colorado Mesa University *[B.F.A Art; Studio Art concentration]*
Colorado State University-Ft Collins *[B.A. Art; Studio concentration]*
Colorado State University-Pueblo *[B.A. Art]*
Fort Lewis College *[B.A. Art; Art option]*
Metropolitan State University of Denver *[B.A. Art]*
University of Colorado Boulder *[B.A. Studio Arts]*
University of Colorado Colorado Springs *[B.A. Visual & Performing Arts; Visual Art option]*
University of Colorado Denver *[B.A. Fine Arts; Studio Art emphasis]*
University of Northern Colorado *[B.A. Art & Design; Art emphasis]*
Western State Colorado University *[B.A. Art; Studio Art emphasis]*

PLEASE NOTE: The degree track in STUDIO ART with Secondary Teaching Licensure has different requirements and is not included in this agreement. Please refer to this agreement's cover page for the name of the Bachelor's degree at the four-year institution to which this agreement applies.

Courses that Fulfill General Education Requirements				31
Content Area	Credit Hours	Community College Course No.	Course Title or Category	
(Written) Communication	6	ENG 121 and ENG 122 <u>or</u> ENG 122 and a gtPathways CO3 course	English Composition I (GT-CO1) and English Composition II (GT-CO2) <u>OR</u> English Composition II (GT-CO2) and a gtPathways CO3 course (GT-CO3)	
Mathematics	3		One gtPathways Math course (GT-MA1)	
Arts & Humanities	6		Two gtPathways Arts & Humanities courses (GT-AH2, GT-AH3, GT-AH4). No GT-AH1 courses.	
History	3		One gtPathways History course (GT-HI1)	
Social & Behavioral Sciences	6		Two gtPathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)	
Natural & Physical Sciences	7		Two gtPathways Natural & Physical Science courses (GT-SC1, GT-SC2). One of these courses must have the required laboratory (GT-SC1).	
Additional Required Courses				21
Please note: if these credits are <i>not</i> required for the <i>major</i> at a receiving 4-year institution, they will be applied to the Bachelor's degree as <i>elective credit</i> towards <i>graduation</i> . Please check with the receiving institution to determine in which way these courses will be applied.				
	Credit Hours	Community College Course No.	Course Title	
	3	ART 111	Art History: Ancient to Medieval (GT-AH1)	
	3	ART 112	Art History: Renaissance to Modern (GT-AH1)	
	3	ART 121	Drawing I	
	3	ART 131	Visual Concepts 2-D Design	
	3	ART 132	Visual Concepts 3-D Design	
	3	ART 221 <u>or</u> ART 128	Drawing II <u>OR</u> Figure Drawing I	
	3		Any three-credit STUDIO ART course	
Electives¹				8
Total				60

¹ Students planning to transfer to CSU-FC for completion of the BA in Studio Art must complete two semesters of one foreign language for their electives OR be able to pass the CSU-FC Foreign Language placement exam at the sophomore level. It may not be possible to complete the BA in Studio Art in two years without this prior foreign language competency.

STATEWIDE TRANSFER ARTICULATION AGREEMENT

For a Bachelor of Arts in

THEATER

Between

COLORADO PUBLIC COMMUNITY/JUNIOR COLLEGES

Arapahoe Community College
Colorado Mountain College
Colorado Northwestern Community College
Community College of Aurora
Community College of Denver
Front Range Community College
Lamar Community College
Morgan Community College
Northeastern Junior College
Otero Junior College
Pikes Peak Community College
Pueblo Community College
Red Rocks Community College
Trinidad State Junior College

and

COLORADO PUBLIC FOUR-YEAR INSTITUTIONS OF HIGHER EDUCATION

Adams State University *[B.A. Theater]*
Colorado State University-Ft Collins *[B.A. Theater]*
Fort Lewis College *[B.A. Theater; Theater Generalist option]*
Metropolitan State University of Denver *[B.A. Theater]*
University of Colorado Boulder *[B.A. Theater]*
University of Colorado Colorado Springs *[B.A. Visual & Performing Arts; Theater option]*
University of Northern Colorado *[B.A. Theater Arts]*
Western State Colorado University *[B.A. Communication Arts; Theater & Performance
Studies emphasis]*

PLEASE NOTE: The degree track in Theater with Secondary Teaching Licensure have different requirements and are not included in this agreement. Please refer to this agreement's cover page for the name of the Bachelor's degree at the four-year institution to which this agreement applies.

Courses that Fulfill General Education Requirements				31
	Credit Hours	Community College Course No.	Course Title or Category	
(Written) Communication	6	ENG 121 and ENG 122 <u>or</u> ENG 122 and a gtPathways CO3 course	English Composition I (GT-CO1) and English Composition II (GT-CO2) <u>OR</u> English Composition II (GT-CO2) and a gtPathways CO3 course (GT-CO3)	
Mathematics	3		One gtPathways Mathematics course (GT-MA1), but <u>not</u> MAT 155 or 156	
Arts & Humanities	6	THE 105 THE 211	Theatre Appreciation (GT-AH1) ¹ Development of Theatre 1: Greek to Renaissance (GT-AH1)	
History	3		Any one gtPathways Arts & Expression course – GT-AH1 – in <i>History</i>	
Social & Behavioral Sciences	6		Two gtPathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)	
Natural & Physical Sciences	7		Two gtPathways Natural & Physical Science courses (GT-SC1, GT-SC2). One of these courses must have the required laboratory (GT-SC1).	
Additional Required Courses				18
Please note: if these credits are <i>not</i> required for the <i>major</i> at a receiving 4-year institution, they will be applied to the Bachelor's degree as <i>elective credit</i> towards <i>graduation</i> . Please check with the receiving institution to determine in which way these courses will be applied.				
	Credit Hours	CC Course No.	Course Title	
	3	THE 116	Technical Theatre	
	3	THE 111	Acting I	
	3	THE 108	Theatre Script Analysis (GT-AH1)	
	3	THE 212	Development of Theatre II: Restoration to Modern (GT-AH1)	
	3	THE 215	Playwriting (GT-AH1)	
	3	THE 131 THE 132 THE 231 THE 232	<u>Choose one (1) course from the following:</u> Theatre Production I Theatre Production II Theatre Production III Theatre Production IV	
Electives ^{2, 3}				11
Total				60

¹ Students planning to attend University of Colorado Boulder in Theater should consult UCB Theater advisors regarding THE 105 – Theatre Appreciation.

² Students interested in attending MSU Denver or CSU-Fort Collins are advised to take COM 115 – Public Speaking.

³ Students who plan to transfer to UCB or UCCS may not take elective courses with a THE prefix.